CLASSIFICATION BERGER 616253CENTRAL INTELLIGENCE AGENCY REPORT 25X1 INFORMATION REPORT CD NO. COUNTRY East Germany/Russia 18 March 1954 DATE DISTR. SUBJECT Russian Requirements for Highly-Polished NO. OF PAGES Stainless Steel Plate PLACE NO OF ENCLS. **ACQUIRED** DATE OF 25X1 SUPPLEMENT TO INFO. REPORT NO. THIS IS UNEVALUATED INFORMATION 25X1 PROMSYRIOIMPORT, Moscow 200, Smolenskaya Square 32, has announced that it is in the market for highly-polished, stainless steel plate. Procurement will be attempted in a Western country. The following specifications 25X1 desired: a) Highly polished, stainless steel plate, type "JA2", of the following measurements and in the following amounts: Dimensions in Amounts in millimeters tons 2 x 750 x 1100 2 x 600 x 750 2 x 600 x 1100 2 x 1500 x 1000 25X1 1.5 x 1000 x 1500 12 1.5 x 1000 x 1100 1.5 x 900 x 1100 1.5 x 900 x 1500 Specifications for highly-polished, stainless steel plates. Type "JA2" for use as intermediate layers in the pressing of electro-insulating plates (bei Pressen von Elektroisolierblechen): i) Chemical composition of Type JA2 steel: C 0.15-0.25% Si max 0.8% Cr 17-20% S max 0.030% Ni 8-11% ---- P max 0.035% Mn max. 2% The dimensions of the plates must follow the above specifications exactly. The plates must be of the same strength with a variation CLASSIFICATION SECRET X NAVY X NSRB STATE DISTRIBUTION FBI 25X1

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- of these communes of the state of the sheet.
- iv) Both sides of the sheets must be highly polished (Hoonglanzpolierung). No defects may exist on the surface of the sheets.
- v) The edges of the plates must be equally cut. The front of the plates must be free of ridges and curves. Distortion of the clates is not permissible.
- vi) Mechanical qualities:
 Tensile strength, minimum 77 kg/mm²
 Lapansien, minimum 200

Hardness of metal macording to Brinell test. 177-200 (with a load of 1,000 kg and a ball of 10mm).

- vii) The plates must not convode at a temper ture of 189-180 C when pressed with a mass of paper and skepplformulaehyde.
- viii) The plates must not rupture (zerbrechen; when it most at one end.
 - ix) A certificate for each part of the shipment ruse to made, containing the following data:
 - 4) Order, transport and specification marker
 - b) None and trade mark of the manufacturer
 - c) Steel type
 - d) Charge number
 - e) Dimensions
 - f) Reight of the delivery
 - ε) Chemical (nulysis)
 - h) Results of all tests
 - x) The following must be noted on all lites: Type of steel, dimensions, the rge number, trade mark of the producer.
 - xi) The plate must be carefully packed in wooden boxes suitable for sea and rail shipment so that they arrive in good condition.

SECRET